



Water-Data Report 2008

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°23'17.3", long 73°35'17.5" referenced to North American Datum of 1983, Putnam County, NY, Hydrologic Unit 02030101, 1.3 mi southeast of Brewster, and 1.3 mi downstream from Peach Lake. Samples collected at culvert on Cobb Road in Brewster, about 0.8 mi downstream of Peach Lake.

DRAINAGE AREA.--2.47 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--2000 to current year.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s
Jun 11, 2008	2.05

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD--

PESTICIDE DATA: 2000-08 (a).

REMARKS.--For many of the samples collected, analysis was performed using different analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented. A sampling method code of 15 indicates an equal-width increment, non-isokinetic sample.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 6

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, 0.7u GF ft3/s	1-Naphthol, water, fltrd	2,6-Diethyl-aniline, water, fltrd	2-Chloro-2'-6'-diethyl acetanilide, water, wat flt	2-Ethyl-methyl CIAT, water, fltrd	3,4-Dichloro-aniline, water, fltrd	4-Chloro-2methyl phenol, water, fltrd	Aceto-chlor, water, fltrd	Alachlor, water, fltrd	Atrazine, water, fltrd	Azinophos-methyl oxon, water, fltrd	
		(00061)	(49295)	(82660)	(61618)	(04040)	(61620)	(61625)	(61633)	(49260)	(46342)	(39632)	
Jun 11...	1030	2.1	<.04	<.006	<.010	E.010	<.010	<.006	<.005	E.007	<.006	.011	<.04

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 6

[Remark codes: <, less than; E, estimated.]

Date	Azinophos-methyl, water, fltrd	Ben-flur-alin, water, fltrd	Car-baryl, water, fltrd	Chlor-pyrifos, water, fltrd	cis-Permethrin, water, fltrd	Cyfluthrin, water, fltrd	Cypermethrin, water, fltrd	DCPA, water, fltrd	Desulfuryl-fipronil, water, fltrd	Diazinon, water, fltrd	Dicrotophos, water, fltrd	Dieldrin, water, fltrd	
	(82686)	(82673)	(82680)	(61636)	(38933)	(82687)	(61585)	(61586)	(82682)	(62170)	(39572)	(38454)	
Jun 11...	<.120	<.010	<.060	<.06	<.006	<.012	<.016	<.014	<.003	<.012	<.005	<.08	<.009

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 6

[Remark codes: <, less than; E, estimated.]

Date	Dimethoate, water, fltrd	Ethion monoxon, water, fltrd	Ethion, water, fltrd	Fenamiphos sulfone, water, fltrd	Fenamiphos oxide, water, fltrd	Fenamiphos, water, wat flt	Desulfuryl-fipronil, amide, fltrd	Fipronil sulfide, water, fltrd	Fipronil sulfone, water, fltrd	Fipronil, water, fltrd	Fonofos, water, fltrd	Hexazinone, water, fltrd	Iprodione, water, fltrd
	(82662)	(61644)	(82346)	(61645)	(61646)	(61591)	(62169)	(62167)	(62168)	(62166)	(04095)	(04025)	(61593)
Jun 11...	<.007	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 6

[Remark codes: <, less than; E, estimated.]

Date	Isofen-	Mala-	Mala-	Meta-	Methid-	Methyl	Methyl		Pendi-		Phorate	Phorate
	phos,	oxon,	thion,	laxyl,	athion,	para-	thion,	Metola-	Metri-	alin,	water,	water,
	water,	water,	water,	water,	water,	oxon,	water,	chlor,	buzin,	water,	water,	filtrd
	filtrd,	filtrd,	filtrd,	filtrd,	filtrd,	0.7u GF	filtrd,	filtrd,	filtrd,	filtrd,	filtrd,	0.7u GF
	μg/L	μg/L	μg/L	μg/L	μg/L	(61598)	(82664)	(82667)	(39415)	(82630)	(61599)	(82683)
	(61594)	(61652)	(39532)	(61596)	(61598)							(61666)
Jun												
11...	<.006	<.020	<.016	<.008	<.004	<.01	<.008	E.008	<.012	<.010	<.012	<.03
												<.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 6

[Remark codes: <, less than; E, estimated.]

Date	Phosmet	Promo-	Promo-	Propy-	Sima-	Tebu-	Ter-	Ter-	Tribu-	Tri-	Di-	
	oxon,	Phosmet	ton,	tryn,	zamide,	zine,	thiuron	bufos	bufo-	butyl-	flur-	chlor-
	water,	sulfone	oxon	fos,	alin,	vos,						
	filtrd,	filtrd,	filtrd,	filtrd,	0.7u GF	filtrd,	0.7u GF	filtrd,	filtrd,	filtrd,	filtrd,	water,
	μg/L											
	(61668)	(61601)	(04037)	(04036)	(82676)	(04035)	(82670)	(61674)	(82675)	(04022)	(61610)	(82661)
Jun												
11...	<.05	<.008	<.01	<.006	<.007	<.006	<.02	<.04	<.02	<.01	<.035	<.009
												<.01

**WATER-QUALITY
DATA
WATER YEAR
OCTOBER 2007 TO
SEPTEMBER 2008**

Part 6 of 6

[Remark codes:
<, less than;
E, estimated.]

Date	Sam-
	pling
	method,
	code
	(82398)
Jun	
11...	15

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 5

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, ft ³ /s (00061)	2,4-D methyl ester, water, fltrd, µg/L (50470)	2,4-DB, water, fltrd, µg/L (39732)	CIAT, 0.7u GF	CEAT, water, fltrd, µg/L (04040)	OIET, water, fltrd, µg/L (04038)	Hydroxy carbo-furan, wat flt, 0.7u GF	Aci-fluor-fen, water, fltrd, 0.7u GF	Aldi-carb sulfone, water, fltrd, 0.7u GF	Aldi-carb sulf-oxide, wat flt, 0.7u GF	Aldi-carb, water, fltrd, 0.7u GF	
Jun 11...	1035	2.1	<.040	.15	<.02	<.06	<.08	<.040	<.040	<.040	<.08	<.060	<.12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 5

[Remark codes: <, less than.]

Date	Atrazine, water, fltrd, µg/L (39632)	Barban, surrog, Sched. 2060/9060, water, fltrd, % recvy (90640)	Bendio-carb, water, fltrd, µg/L (50299)	Bensulfuron-methyl, water, fltrd, µg/L (50300)	Ben-tazon, water, fltrd, µg/L (61693)	Bromo-cil, water, fltrd, µg/L (38711)	Bromoxynil, water, fltrd, µg/L (04029)	Caffeine, water, fltrd, µg/L (49311)	Car-baryl, water, fltrd, µg/L (50305)	Carbo-furan, water, fltrd, µg/L (49310)	Chlor-amben-methyl, water, fltrd, µg/L (49309)	Chlorimuron-ethyl, water, fltrd, µg/L (61188)	
Jun 11...	<.040	36.2	<.04	<.040	<.06	<.04	<.02	<.12	<.060	<.04	<.020	<.10	<.080

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 5

[Remark codes: <, less than.]

Date	Cyclo-ate, water, fltrd, µg/L (04031)	Dacthal mono-acid, water, fltrd, 0.7u GF (49304)	Dicamba water, fltrd, 0.7u GF (38442)	Di-chlor-prop, water, fltrd, 0.7u GF (49302)	Dinoseb water, fltrd, 0.7u GF (49301)	Diphen-amid, water, fltrd, 0.7u GF (04033)	Diuron, water, fltrd, 0.7u GF (49300)	Fenuron, water, fltrd, 0.7u GF (49297)	Flumet-sulam, water, fltrd, 0.7u GF (61694)	Fluor-meturon, water, fltrd, 0.7u GF (38811)	Imaza-quin, water, fltrd, 0.7u GF (50356)	Imaze-thapyr, water, fltrd, 0.7u GF (50407)	Imida-cloprid, water, fltrd, 0.7u GF (61695)
Jun 11...	<.02	<.02	<.04	<.02	<.04	<.04	<.04	<.04	<.06	<.04	<.04	<.04	<.060

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 5

[Remark codes: <, less than.]

Date	N-(4-												
	Linuron water, filtrd 0.7u GF	MCPA, water, filtrd 0.7u GF	MCPB, water, filtrd 0.7u GF	Meta- laxyl, water, filtrd, 0.7u GF	Methio- carb, water, filtrd 0.7u GF	Meth- omyl, water, filtrd 0.7u GF	Metsul- furon- methyl, water, filtrd, 0.7u GF	Chloro- phenyl) -N'- urea, water, filtrd, 0.7u GF	Neburon water, filtrd, 0.7u GF	Nico- sul- furon, water, filtrd, 0.7u GF	Norflur azon, water, filtrd 0.7u GF	Ory- zalin, water, filtrd 0.7u GF	Oxamyl, water, filtrd 0.7u GF
Date	μg/L (38478)	μg/L (38482)	μg/L (38487)	μg/L (50359)	μg/L (38501)	μg/L (49296)	μg/L (61697)	μg/L (61692)	μg/L (49294)	μg/L (50364)	μg/L (49293)	μg/L (49292)	μg/L (38866)

Jun	11...	<.02	<.06	<.06	<.02	<.040	<.120	<.14	<.12	<.02	<.10	<.02	<.04	<.12
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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 5

[Remark codes: <, less than.]

Date	Sulfo-							
	Propham water, filtrd 0.7u GF	Propi- conazole, water, filtrd, 0.7u GF	Pro- poxur, water, filtrd, 0.7u GF	Siduron water, filtrd, 0.7u GF	met- ruron- methyl, water, filtrd, 0.7u GF	Tebu- thiuron water, filtrd, 0.7u GF	Terba- cil, water, filtrd, 0.7u GF	Tri- clopyp. water, filtrd 0.7u GF
Date	μg/L (49236)	μg/L (50471)	μg/L (38538)	μg/L (38548)	μg/L (50337)	μg/L (82670)	μg/L (04032)	μg/L (49235) (82398)

Jun	11...	<.040	<.04	<.040	<.02	<.060	<.040	<.040	<.08	15
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